

IN THE ABSTRACT:

Please enter the following amendments to the abstract:

12 In a printer, two detectors (33A, and 33B) are provided with respect to the guide grooves for horizontal placement and vertical placement (15A, and 15B) in a paper holder (10). The detectors (33A, and 33B) are connected by a plate (34) that turns on or off a switch (32), and disposed within a range (P) in the shape of a fan which is delineated by the loci (A, and B) of the center of the roll of paper (S) as reduced in diameter with respect to the guide grooves (15A, and 15B) and an inner surface of a bottom plate (13) of the paper holder (10) between the guide grooves (15A, and 15B).